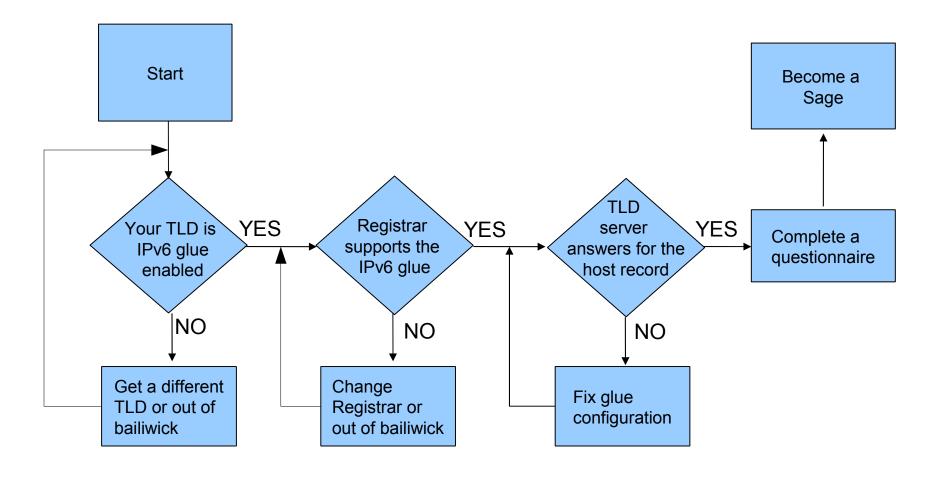


IPv6 Certification Program General Tutorial Session

Level - Sage

FLOW CHART



Key Concepts

- Glue record is registered with the registrar and the IP address of a name server found at the TLD.
- Registrar An organization that is able to register domains
- Registry An organization responsible for operating the authoritative nameserver and database for a TLD (Top Level Domain)

General Overview

- Sage Test checks whether your domain's authoritative NS have IPv6 glue with their listed TLD servers or not.
- In order to pass the level, you must have IPv6 glue for your nameserver.

Sage Test Page

Additional Tests

Enthusiast Technical Test Administrator Technical Test Professional Technical Test Guru Technical Test

Top 10 Certs

kriteknetworks [1,400] sworseybuck [1,400] [1.400] prye kristiankrohn [1,400] [1,400] klamtest mhwarfield [1.400] [1.337] brianewell [1,230] strehi [1.192] bmork [1,188]ihaprins

Latest 10 Certs

<u>certTutor</u>	[Guru	
miggy	[Enth]
<u>leev</u>	[Sage]
<u>PayableOnDeath</u>	[Enth]

notaliahmasan [Nowb]

Print Certificate:



Add your certification to your webpage with this HTML:

<a href="http://ipv6.he.net/certification
/scoresheet.php?pass_name=certTutor" target="_blank"><img
src="http://ipv6.he.net/certification
/create_badge.php?pass_name=certTutor&badge=3" width=229 height=137
border=0 alt="IPv6 Certification Badge for certTutor">

Sage

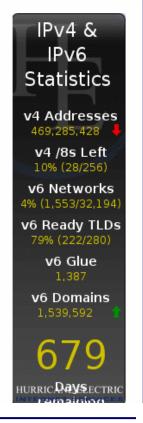
Now for the last step. We need to validate that you have IPv6 glue at the registrar for your domain name.

- Setup IPv6 Glue Host records with your registrar.
- When you are ready click this link.

That's it! Good LUCK!

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v4 Exhaustion



Sage Test Page

Account Menu

Click For Main Page

Update Info
Top Scores
Submit a Blog
Review Blogs
Trace for more points!
DIG AAAA for more
points!
DIG PTR for more
points!
Ping6 for more points!
IPv6 Whois for more

IPv6 Glue Test

This test will check to see if the domain you enter below's nameserver have IPv6 glue at the registrar. Whatever you enter has to be a substring of the domains you have already used for previous tests which are:

Submit

Quick Links

Certification Tunnelbroker

Forums

IPv6 Blog Posts

Usage Statistics

Network Map

Looking Glass (v4/v6)

Route Server (telnet)

Global IPv6 Report

IPv6 BGP View

Additional Tests

points! Logout

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 prye
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 kristiankrohn
 [1,400]

 mhwarfield
 [1,400]

 kriteknetworks
 [1,400]

 klamtest
 [1,400]



Services

Transit
Colocation
Dedicated Servers

v4 Exhaustion

IPv4 &
IPv6
Statistics

v4 Addresses
469,285,277

v4 /8s Left

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 [1,400]

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 [1,400]

 sworseybuck
 [1,400]

 kriteknetworks
 [1,400]

IPv6 Glue Test

This test will check to see if the domain you enter below's nameserver have IPv6 glue at the registrar. Whatever you enter has to be a substring of the domains you have already used for previous tests which are:

Domain: Domains TLD: com

NS Records:

-TLD: net

-Server: d.gtld-servers.net.

-Output:

Success!

-Server: h.gtld-servers.net. -Server: c.gtld-servers.net. -Server: f.gtld-servers.net. -Server: l.gtld-servers.net. -Server: a.gtld-servers.net. -Server: g.gtld-servers.net. -Server: e.gtld-servers.net. -Server: i.gtld-servers.net. -Server: m.gtld-servers.net. -Server: j.gtld-servers.net. -Server: b.gtld-servers.net.

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Services

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Troubleshoot Method

 Use the following dig commands to see whether your nameserver have IPv6 glue record

```
:~$ dig ns $domain +trace
:~$ dig AAAA $ns @tld_server
```



Q&A



Contact:

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